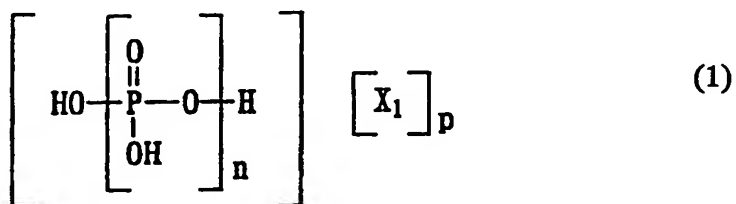


## CLAIMS

1. A flame retardant composition comprising:

(A) a phosphate compound (a) represented by general formula (1):

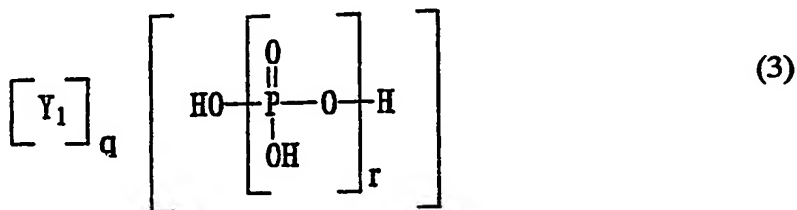


wherein n represents a number of 1 to 100;  $\text{X}_1$  represents ammonia or a triazine derivative represented by formula (2) : and  $0 < p \leq n+2$ :



wherein  $\text{Z}_1$  and  $\text{Z}_2$ , which may be the same or different, each represents a group selected from the group consisting of  $-\text{NR}_5\text{R}_6$  (wherein  $\text{R}_5$  and  $\text{R}_6$ , which may be the same or different, each represents a hydrogen atom, a straight-chain or branched alkyl group having 1 to 6 carbon atoms or a methylol group), a hydroxy group, a mercapto group, a straight-chain or branched alkyl group having 1 to 10 carbon atoms, a straight-chain or branched alkoxy group having 1 to 10 carbon atoms, a phenyl group, and a vinyl group;

(B) a phosphate compound (b) represented by general formula (3):



wherein r represents a number of 1 to 100;  $\text{Y}_1$  represents  $[\text{R}_1\text{R}_2\text{N}(\text{CH}_2)_m\text{NR}_3\text{R}_4]$ ,

piperazine or a diamine containing a piperazine ring;  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$ , which may be the same or different, each represents a hydrogen atom or a straight-chain or branched alkyl group having 1 to 5 carbon atoms;  $m$  represents an integer of 1 to 10; and  $0 < q \leq r + 2$ ;

5 (C) silicon dioxide or metal oxides; and

(D) at least one member selected from higher aliphatic carboxylic acids, metal salts of higher aliphatic carboxylic acid, higher fatty acid amide compounds, and esters between mono- or polyhydric alcohols and higher aliphatic carboxylic acids.

10 2. The flame retardant composition according to claim 1, wherein the compounding ratio of component (A) represented by general formula (1) to component (B) represented by general formula (3) is 20/80 to 60/40 by mass, and components (C) and (D) are each present in an amount of 0.01 to 10 parts by mass per 100 parts by mass of the total of components (A) and (B).

15 3. The flame retardant composition according to claim 1, wherein component (A) is melamine pyrophosphate of general formula (1) in which  $n$  is 2,  $p$  is 2, and  $X_1$  is melamine of general formula (2) in which  $Z_1$  and  $Z_2$  are each  $-NH_2$ .

20 4. The flame retardant composition according to claim 1, wherein component (B) is a piperazine polyphosphate of general formula (3) in which  $q$  is 1, and  $Y_1$  is piperazine.

25 5. The flame retardant composition according to claim 4, wherein the piperazine polyphosphate is piperazine pyrophosphate.

6. The flame retardant composition according to claim 1, wherein component (C) is silicon dioxide.

30 7. The flame retardant composition according to claim 6, wherein the silicon dioxide as component (C) is hydrophobic silica.

8. The flame retardant composition according to claim 1, wherein component (D) is stearic acid.

9. The flame retardant composition according to claim 1, wherein component (D) is ethylenebis(stearamide).

5 10. A flame-retardant resin composition comprising a synthetic resin having incorporated therein the flame retardant composition according to any one of claims 1 to 9.

10 11. The flame-retardant resin composition according to claim 10, wherein the flame retardant composition is present in an amount of 5 to 50 parts by mass per 100 parts by mass of the synthetic resin.

12. The flame-retardant resin composition according to claim 10, wherein the synthetic resin is polyolefin resin.

15 13. The flame-retardant resin composition according to claim 12, wherein the polyolefin resin is polypropylene resin or polyethylene resin.